

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	470	cyclical\$4 near sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:08
L2	0	cyclical\$4 near sampl\$4 with crossing with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:42
L3	1	cyclical\$4 near sampl\$4 with crossing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:42
L4	4	cyclical\$4 near sampl\$4 with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:55
L5	6027	threshold with crossing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:56
L6	1674	threshold adj crossing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:58
L7	0	threshold adj crossing with cyclic\$5 with sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:56
L8	0	threshold adj crossing same cyclic\$5 with sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:56
L9	2	threshold adj crossing same cyclic\$5 same sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:57

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L10	149	threshold adj crossing with sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:08
L11	2	1 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:08
L12	6615	cyclic\$6 with sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:09
L13	2026	cyclic\$6 near2 sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:09
L14	12	13 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:37
L15	772	702/108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:04
L16	1	15 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:38
L17	1	700/73.ccls. and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 18:45
L18	67	702/74.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:05
L19	390	702/66.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:05

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L20	303	702/79.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:05
L21	0	702/74.ccls. and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:05
L22	2	702/66.ccls. and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 19:05
S1	1	Process\$3 near variable near dependent\$2 near identif\$7 near signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 17:40
S2	222	monitor\$3 same variable same threshold same sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 09:49
S3	16	monitor\$3 same variable same threshold same sampl\$4 and close near loop and open near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 09:55
S4	20	monitor\$3 same variable same threshold same sampl\$4 and (close open) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 13:53
S5	3	"threshold value crossing time"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:15
S6	27	"threshold value" same "crossing time"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:15
S7	26	"threshold value" same "crossing time" and (open\$4 clos\$4 loop monitor\$4 control\$4 circuit\$4 variable cycle cyclic\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:22

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S8	8	"threshold value" same "crossing time" and sampl\$4 near (period\$7 cycl\$5 serial) and (open\$4 clos\$4 loop monitor\$4 control\$4 circuit\$4 variable cycle cyclic\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:24
S9	8	"threshold value" same "crossing time" and sampl\$4 near (period\$7 cycl\$5 serial)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:29
S10	1721	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:30
S11	1062	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and monitor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:30
S12	31	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and monitor\$4 and (open close) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:35
S13	1	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and monitor\$4 and overshoot and undershot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:36
S14	1	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and monitor\$4 and (overshoot undershot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:37
S15	1	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and monitor\$4 and (overshoot undershot over near shot under near shot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:37
S16	2	threshold near3 sampl\$4 same (period\$7 cycl\$5 serial) and (overshoot undershot over near shot under near shot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:37
S17	15	threshold near3 sampl\$4 and (overshoot undershot over near shot under near shot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:38

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S18	2	threshold near3 sampl\$4 and (overshot over near shot) and (undershot under near shot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:40
S19	40	threshold near3 sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) and (undershot under near shot undershoot\$4 under near shoot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 10:41
S20	15	threshold near2 sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) and (undershot under near shot undershoot\$4 under near shoot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:03
S21	15	threshold near2 sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) and (undershot under near shot undershoot\$4 under near shoot\$4) and control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:03
S22	7	threshold near2 sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) and (undershot under near shot undershoot\$4 under near shoot\$4) and control\$4 and loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:13
S23	3	threshold near2 sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) and (undershot under near shot undershoot\$4 under near shoot\$4) and control\$4 and (open\$2 clos\$4) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:15
S24	49	threshold same sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and control\$4 and (open\$2 clos\$4) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:16
S25	49	threshold same sampl\$4 and (overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:31

## EAST Search History

S26	102	cyclic near sampling	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 13:32
S27	8	cyclic near sampling same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:22
S28	18	"5648991"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 14:25
S29	2184	sampl\$4 same variable\$2 near control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:23
S30	523	sampl\$4 same variable\$2 near control\$4 and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:23
S31	0	sampl\$4 same variable\$2 near control\$4 and threshold and "crossing time"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:23
S32	0	sampl\$4 same variable\$2 near control\$4 and threshold and crossing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:23
S33	71	sampl\$4 same variable\$2 near control\$4 and threshold and crossing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:25
S34	4	sampl\$4 same variable\$2 near control\$4 and threshold and crossing not zero	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:29
S35	67	sampl\$4 same variable\$2 near control\$4 and threshold and crossing not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:29

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S36	34	sampl\$4 same variable\$2 near control\$4 and threshold and crossing not S34 not zero near cross\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:31
S37	591	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:32
S38	275	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:32
S39	178	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop and threshold and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:32
S40	156	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop and threshold and sampl\$4 and variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:33
S41	62	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 clos\$4) near loop and threshold and sampl\$4 and variable near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:34
S42	42	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 and clos\$4) near loop and threshold and sampl\$4 and variable near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:42
S43	0	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 and clos\$4) near loop and threshold and sampl\$4 and variable near2 control\$4 and command near sequen\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 11:42

## EAST Search History

S44	21738	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 and clos\$4) near loop and threshold and (period\$6 cyclic\$5) sampl\$4 and variable near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 12:24
S45	37	"4639853"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 12:23
S46	17	"5568377"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 12:23
S47	41	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 and clos\$4) near loop and threshold and (period\$6 cyclic\$5) and sampl\$4 and variable near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 12:24
S48	8	(overshot over near shot overshoot\$4 over near shoot\$4) same (undershot under near shot undershoot\$4 under near shoot\$4) and (open\$2 and clos\$4) near loop and threshold and (period\$6 cyclic\$5) near2 sampl\$4 and variable near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 12:25
S49	27	"open/close" near loop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 13:53
S50	7	"open/close" near loop and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 13:54
S51	5	"open/close" near loop near control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/07 13:54